PATENT ABSTRACTS OF JAPAN

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(54) **SOLID-STATE IMAGE PICKUP DEVICE**

(57)Abstract:

PURPOSE: To easily suppress fixed pattern noise caused by the dispersion of a threshold voltage or the like at low cost by easily obtaining an offset corrected image signal without using an external memory or the like at an AMI.

CONSTITUTION: At each picture element 1, a column select signal having a binary amplitude is supplied to a column select line Lx to which a horizontal switching transistor Tx and a transistor Trs for reset are connected, and a signal current superimposing a real signal current and an offset current to and an offset current are successively outputted to a signal line Ls. Then, the respective signal current and offset current are converted to voltages by an operational amplifier 4 and defined as a signal output voltage and a reset output voltage respectively and afterwards, these output voltages Vo are sampled/held, for example, so as to subtract the above-mentioned signal output voltage and reset output voltage by using a differential amplifier, for example, in the rear step.

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